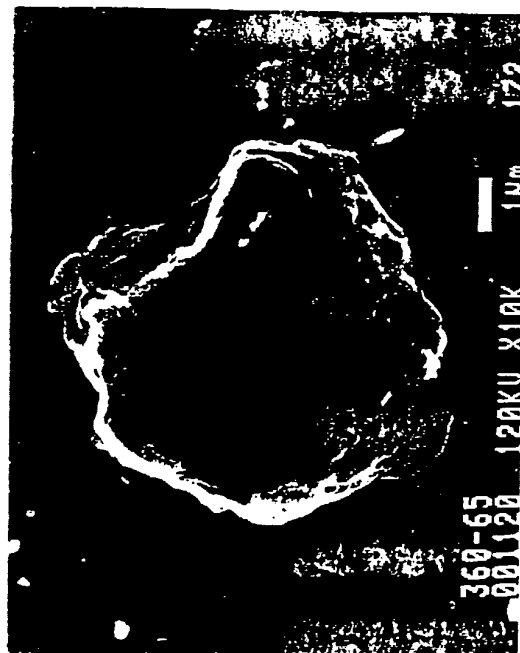


10324 280500

APPENDIX A



Figure 1



Sample 1 - Spinel HT - 360-65 / Water

103211 2565660

APPENDIX B

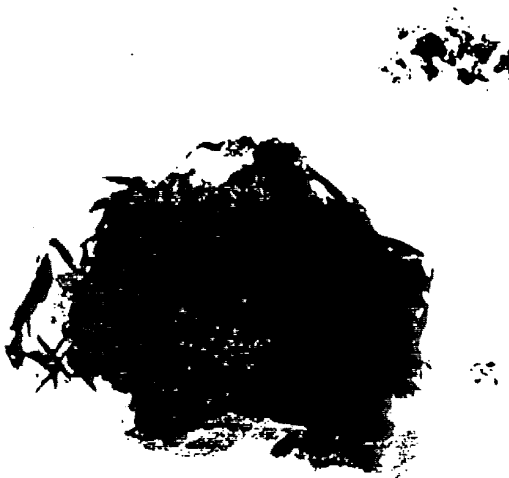


Figure 2



Sample 3 - Sample 11 - Sample 12 - Sample 13 - Sample 14 - Sample 15 - Sample 16 - Sample 17 - Sample 18 - Sample 19 - Sample 20 - Sample 21 - Sample 22 - Sample 23 - Sample 24 - Sample 25 - Sample 26 - Sample 27 - Sample 28 - Sample 29 - Sample 30 - Sample 31 - Sample 32 - Sample 33 - Sample 34 - Sample 35 - Sample 36 - Sample 37 - Sample 38 - Sample 39 - Sample 40 - Sample 41 - Sample 42 - Sample 43 - Sample 44 - Sample 45 - Sample 46 - Sample 47 - Sample 48 - Sample 49 - Sample 50 - Sample 51 - Sample 52 - Sample 53 - Sample 54 - Sample 55 - Sample 56 - Sample 57 - Sample 58 - Sample 59 - Sample 60 - Sample 61 - Sample 62 - Sample 63 - Sample 64 - Sample 65 - Sample 66 - Sample 67 - Sample 68 - Sample 69 - Sample 70 - Sample 71 - Sample 72 - Sample 73 - Sample 74 - Sample 75 - Sample 76 - Sample 77 - Sample 78 - Sample 79 - Sample 80 - Sample 81 - Sample 82 - Sample 83 - Sample 84 - Sample 85 - Sample 86 - Sample 87 - Sample 88 - Sample 89 - Sample 90 - Sample 91 - Sample 92 - Sample 93 - Sample 94 - Sample 95 - Sample 96 - Sample 97 - Sample 98 - Sample 99 - Sample 100

105211 29032600

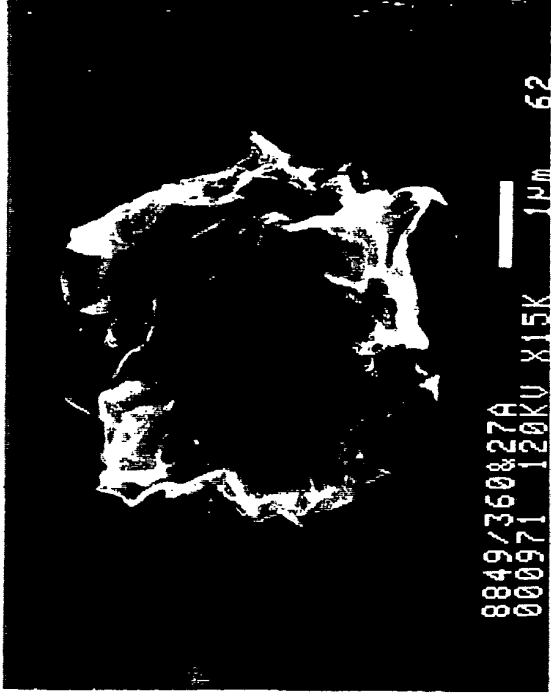
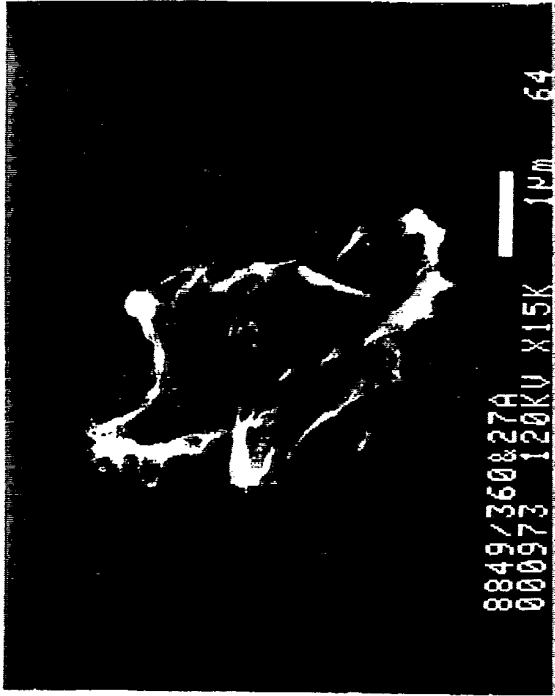


Figure 3



bioZic card 3/20/14

000369660 25632600

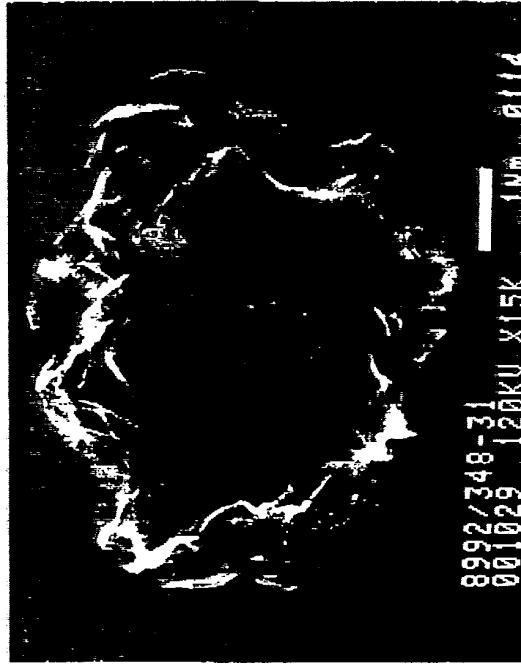


Figure 4



FOSTER 25652600

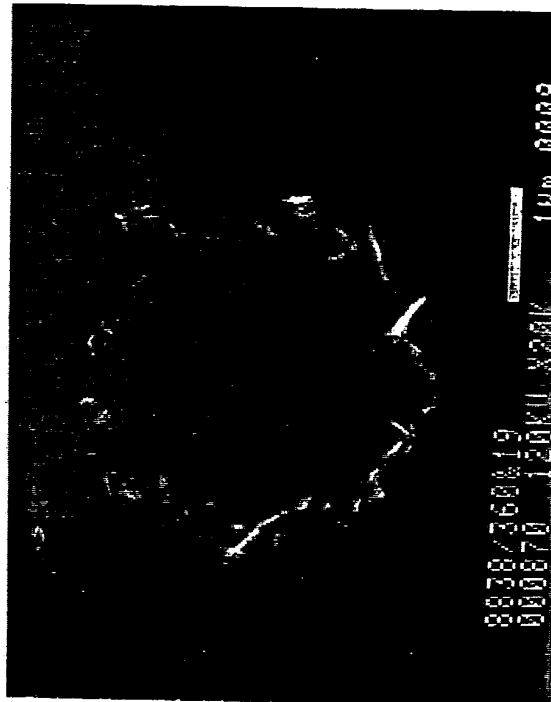
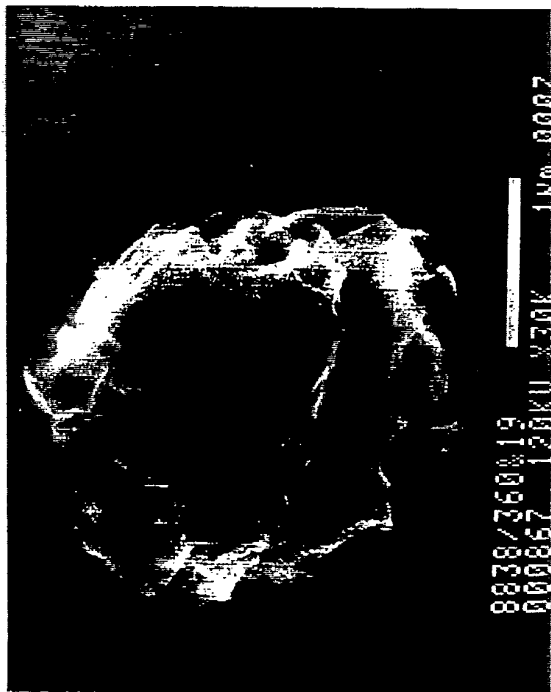
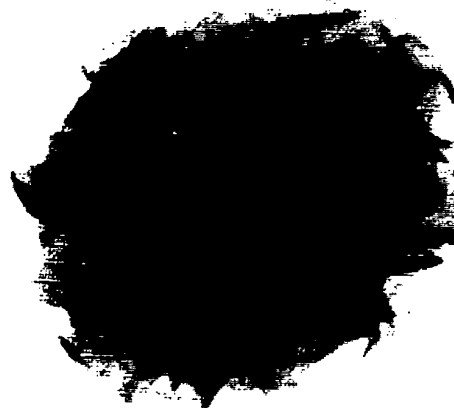


Figure 5



Acceptor, donor and Spont. MT

HYDROTALCITE INTERLAYER SPACING (IS)

IS vs CARBONS IN CARBOXYLATE ANION

■ SATURATED ▲ UNSATURATED

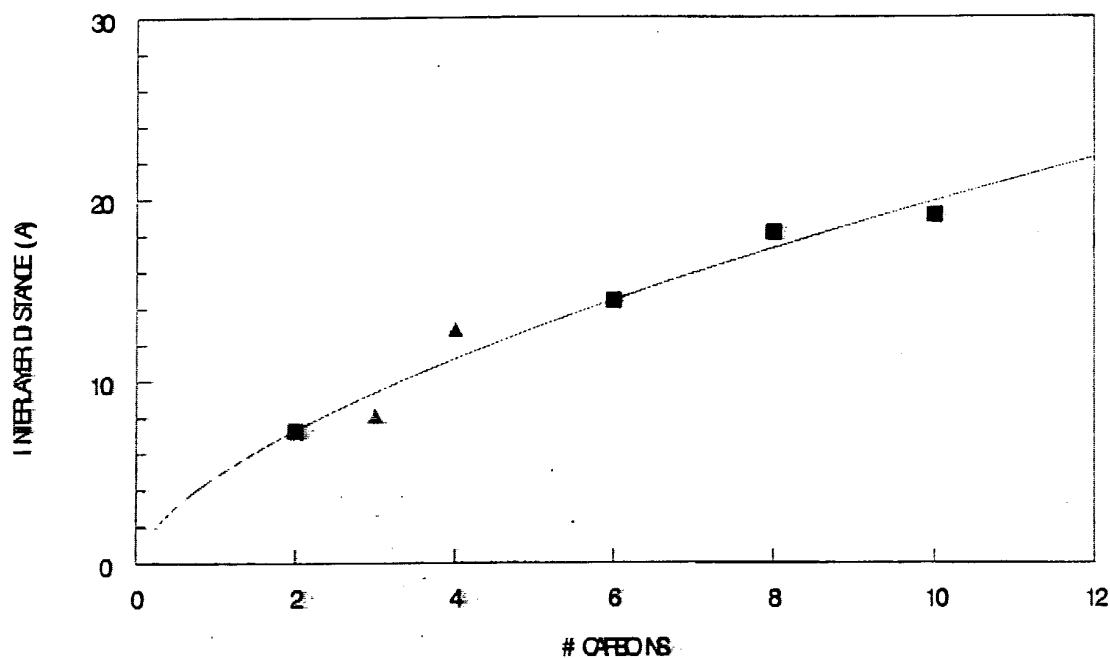


Figure 6

FOOT 2565660



Figure 7



Metal Acids - organic/biomass / steel

103211-25052000

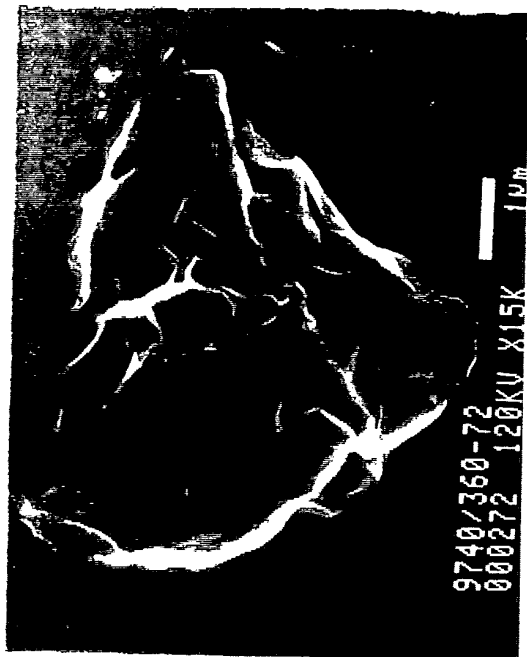


Figure 8



8:16 HT → sample 360-72 [new figure]

09935953 113504

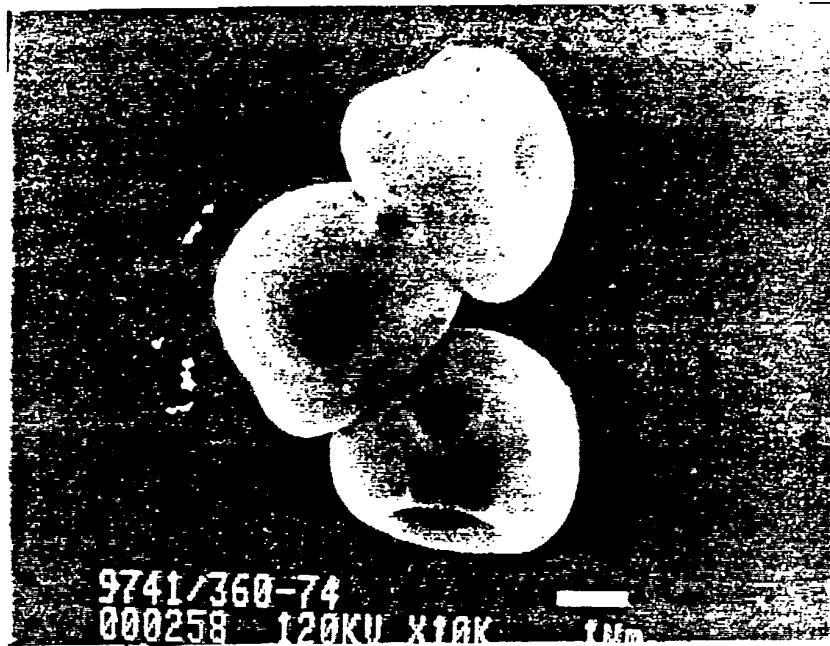
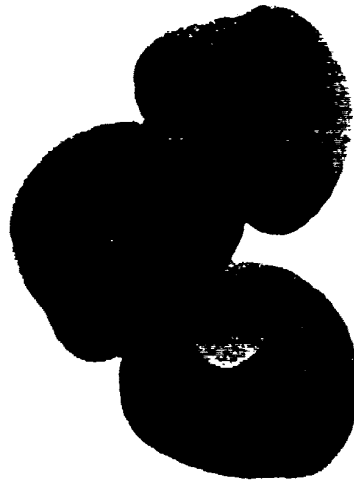


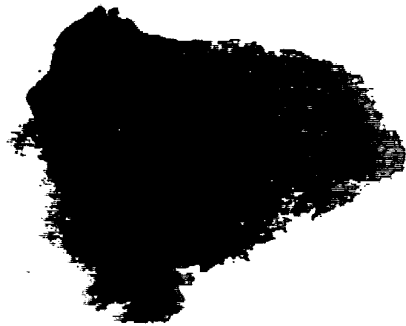
Figure 9



TOP SECRET 655660



Figure 10



TOP SECRET 655660